

AMENDMENTS TO THE CLAIMS

Below is the entire set of pending claims pursuant to 37 C.F.R §1.121(c)(3)(i), with mark-ups showing the changes made in the present Amendment:

1 - 6 (Canceled)

7. (Currently amended) An algorithm exchange for providing a user access to coloring algorithms that are operable to provide color recipes or color scheme recommendations when processed with color data ~~to a user~~, said algorithm exchange comprising:

~~a~~-a server configured to receive from at least one algorithm developer information regarding ~~the optimization of~~ optimizing use of each of a plurality of coloring algorithms for substrate type, color recommendations, or colorant type;

a database coupled to the server and configured to store the information;
and

wherein the server is further configured to provide the user access to the information ~~to the user~~ via a client computer associated with the server, and to facilitate ~~the selection by the user of~~ at least one of the plurality of coloring algorithms ~~by the user~~ based on the information and on a particular application provided by the user.

8. (Previously amended) The algorithm exchange of claim 7, wherein the server is configured to receive the selected at least one of the plurality of coloring

algorithms, and further configured to provide the selected at least one of the plurality of coloring algorithms to the user.

9. (Currently amended) The algorithm exchange of claim 8, wherein the server further comprises a computer readable medium for storing a script program, said script program providing the user access to the plurality of coloring algorithms ~~to the user~~.

10. (Previously amended) The algorithm exchange of claim 7, wherein the server is further adapted to receive at least one color measurement from the client computer, and the database is further adapted for storing the received at least one color measurement.

11. (Currently amended) The algorithm exchange of claim 10, wherein the at least one color measurement is used as an input to a one or more of the selected one of ~~the~~ at least one of the plurality of coloring algorithms for providing resulting color data to the client computer from the server.

12. (Currently amended) A method for selecting a coloring algorithm that is operable to provide color recipes or color scheme recommendations when processed with color data, said method comprising:

receiving in a server from at least one algorithm developer, information regarding ~~the optimization~~ optimizing use of each of a plurality of coloring algorithms for substrate type, color recommendations, or colorant type;

storing the information in a database associated with the server;

providing the information from the server to a user via a client computer;

and

receiving at the server a selection of at least one of the plurality of coloring algorithms from the user via the client computer, the selection based on the information and a particular application ~~provided~~ decided by the user.

13. (Previously amended) The method of claim 12, further comprising receiving at least one color measurement from the user via the client computer for use as an input to the selected at least one of the plurality of coloring algorithms for providing resulting color data to the client computer.

14. (Previously amended) The method of claim 13, further comprising storing the at least one color measurement in the database.

15. (Previously amended) The method of claim 12, further comprising receiving at least one of the plurality of coloring algorithms by the server, and storing the received at least one of the plurality of coloring algorithms in the database.

16. (Previously amended) The method of claim 15, further comprising receiving the selected at least one of the plurality of coloring algorithms at the server, and providing the selected at least one of the plurality of coloring algorithms to the user.

17. (New) The algorithm exchange of claim 7, wherein each of the plurality of coloring algorithms provides a color recipe when processed with color data.

18. (New) The algorithm exchange of claim 7, wherein each of the plurality of coloring algorithms provides a color recommendation scheme when processed with color data.

19. (New) The method of claim 12, wherein each of the plurality of coloring algorithms provides a color recipe when processed with color data.

20. (New) The method of claim 12, wherein each of the plurality of coloring algorithms provides a color recommendation scheme when processed with color data.